EXLOG

COMPANY: GAS & FUEL EXPLORATION WELL: STONEYFORD # 1 SHEET NO. 7

FORMATION EVALUATION LOG

RATE OF PENETRATION

☒ METRE/HR
☐

VISUAL POROSITY — TRACE, FAIR, GOOD — CORE

DEPTH — TEST

CUTTINGS LITHOLOGY

HYDROCARBON ANALYSIS

OIL — TRACE, FAIR, GOOD

CONTINUOUS TOTAL GAS
CUTTINGS GAS

GAS PERCENT: 0.4, 0.8, 1.2, 1.6, 2
GAS UNITS: 20, 40, 60, 80, 100

CHROMATOGRAPH

METHANE 1 — BUTANES N4
ETHANE 2 — I4
PROPANE 3 — PENTANES 5

GAS PERCENT: 0.01, 0.1, 1.0, 10
PPM: 100, 1K, 10K, 100K

CUT — FAIR, GOOD

LITHOLOGY DESCRIPTION AND REMARKS

100 50 30 20 10

HORNER

600

DEV=1°

C1

UNIDENTIFIED GAS AS ABOVE

SANDSTONE, FROM 545M, LIGHT GREY, MOD HARD, VERY FINE-FINE, DOM VERY FINE-SILTY IN PART, SUBANG-SUBROUND, MOD SORTED, QUARTZ WITH COMMON GREY & TRACE BROWN LITHICS, ABUNDANT WHITE ARGILLACEOUS MATRIX, MOD ANKERITE CEMENT, TRACE-ABUND CARBONACEOUS FLECKS VERY POOR VISUAL POROSITY

THE SANDSTONE HAS UP TO 100% SOLID-EVEN DULL GREY WHITE FLUOR WITH A VERY WEAK CUT FLUOR, ON A DRY SAMPLE THE CUT WAS MOD FAST STREAMING MOD BRIGHT MILKY-WHITE CUT FLUOR, NO NATURAL CUT COLOUR, OIL STAINING OR FREE OIL IN THE DRILLING MUD. SEE SHOW REPORT APPENDIXED

THE SANDSTONE AND SILTY SANDSTONE HAS MINOR VERY DULL YELLOW-ORANGE FLUOR GIVING AN EXTREMELY WEAK MILKY-WHITE CRUSH CUT.

W 9.1, V 31, PV 8, YP 11, GEL 3/5, F 25, FC 1.5, SOL 5%, SD TR, PH 9.0, CL 300.